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PTO/SB/21 (08-03)  
Approved for use through 08/30/2003. OMB 0651-0031  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/605,014	
	Filing Date	09/01/2003	
	First Named Inventor	Chuan-Pei Yu	
	Art Unit	2871	
	Examiner Name		
Total Number of Pages in This Submission	7	Attorney Docket Number	ADTP0098USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input checked="" type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	(1) Request to Correct Inventership
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	(2) Statement from Inventor
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	(3) Declaration
<input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application		(4) Written Consent
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Winston Hsu, Reg. No.: 41,526
Signature	<i>Winston Hsu</i>
Date	3/30/2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name			
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**130.00****Complete if Known**

Application Number	10/605,014
Filing Date	09/01/2003
First Named Inventor	Chuan-Pei Yu
Examiner Name	
Art Unit	2871
Attorney Docket No.	ADTP0098USA

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

50-0801

North America International Patent Office

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) <b>0.00</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims		Fee from below		Fee Paid
Total Claims	<input type="text"/>	-20** =	<input type="text"/>	X	<input type="text"/>	
Independent Claims	<input type="text"/>	- 3** =	<input type="text"/>	X	<input type="text"/>	
Multiple Dependent					<input type="text"/>	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) <b>0.00</b>

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**130.00****SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Winston Hsu	Registration No. (Attorney/Agent)	41,526	Telephone	886289237350
Signature	<i>Winston Hsu</i>	Date	3/30/2004		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5 Applicant(s): Chuan-Pei Yu Examiner: Unknown  
Han-Chou Liu  
Chin-Kun Hsieh

Filing Date: 09/01/2003 Art Unit: 2871  
Serial No.: 10/605,014 Docket No.: ADTP0098USA

10

Title: Liquid Crystal Display

Subject: **Correction of Inventorship - Statement from Inventor to be Added**

15

I hereby state that I was omitted as an inventor of the above-identified patent application due to an error that occurred without deceptive intention on my part.

20

Chien-Hung Kuo

Date: 3/11/04

Chien-Hung Kuo

Address: No. 28, Lane 69, Hsing-Hsiang St.,

25 Wu-Jih Hsiang, Tai-Chung Hsien 414, Taiwan, R.O.C.

Citizen of Taiwan, R.O.C.



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5 Applicant(s): Chuan-Pei Yu Examiner: Unknown  
Han-Chou Liu  
Chin-Kun Hsieh  
Filing Date: 09/01/2003 Art Unit: 2871  
Serial No.: 10/605,014 Docket No.: ADTP0098USA

10

Title: Liquid Crystal Display

15

To: Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

Subject: **Request to Correct Inventorship**

20 We hereby request that Chien-Hung Kuo be added as inventor to the  
above-identified patent application as provided for under 37 CFR 1.48(a). A  
Statement from Inventor to be Added, Written Consent of the Assignee, a Declaration  
and Assignment of Invention including the added inventor, and the processing fee are  
included with this request.

25 Sincerely,

3/30/2004 Winston Hsu Date: \_\_\_\_\_

Winston Hsu, Patent Agent No. 41,526  
P.O. BOX 506  
30 Merrifield, VA 22116  
U.S.A.  
E-mail: winstonhsu@naipo.com.tw  
(Please contact me by e-mail if you need a telephone  
communication and I will return your call promptly.)

35



PATENT  
Docket No ADTP0098USA

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that :

I believe I am the sole (if only one name appears below), or joint (if more than one name appears), original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled :

**"LIQUID CRYSTAL DISPLAY"**

+ The specification for the above entitled invention is filed herewith.  
The specification for the above entitled invention was filed previously  
with application serial number: \_\_\_\_\_ Filing Date: \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the invention disclosed in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 (a). I further acknowledge the duty in any continuation-in-part application to disclose to the Patent and Trademark Office all information known to be material to the patentability of the invention disclosed in this application, as defined in 1.56, which became available to me between the filing date of the prior application and the filing date of this application.

### PRIORITY CLAIM

There is no claim of priority  
+ Claim of priority is based on the following:  
Filing No. in Taiwan, R.O.C = 092114982  
Filing Date in Taiwan, R.O.C = 6/3/2003

### POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneys to prosecute this application and to transact all related business in the Patent and Trademark Office:

Winston Hsu                      Registration# 41,526

P.O. Box 506,  
Merrifield, Virginia 22116,  
U.S.A  
E-mail : winstonhsu@naipo.com.tw  
TEL: +886-2-89237350 \*100



## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

(請發明人務必簽署日期)

Date: 03.05.04

Printed Name:

Post Office Address:  
and Residence

Citizen of:

Chuan-Pei Yu

No. 67, San-Feng Rd., Tung-Shan Hsiang, I-Lan Hsien,  
Taiwan, R.O.C.

R.O.C.

Date: 3/11/04

Printed Name:

Post Office Address:  
and Residence

Citizen of:

Han-Chou Liu

7F, No. 235, Kuan-Tung Rd., 22 Community,  
Hsin-Chuang Li, Hsin-Chu City, Taiwan, R.O.C.

R.O.C.

Date: 3/5/04

Printed Name:

Post Office Address:  
and Residence

Citizen of:

Chin-Kun Hsieh

5F-1, No. 141, Wu-Ling Rd., Pai District, Hsin-Chu  
City, Taiwan, R.O.C.

R.O.C.

Date: 3/11/04

Printed Name:

Post Office Address:  
and Residence

Citizen of:

Chien-Hung Kuo

No. 28, Lane 69, Hsing-Hsiang St., Wu-Jih Hsiang,  
Tai-Chung Hsien, Taiwan, R.O.C.

R.O.C.





**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5 Applicant(s): Chuan-Pei Yu Examiner: Unknown  
Han-Chou Liu  
Chin-Kun Hsieh  
Filing Date: 09/01/2003 Art Unit: 2871  
Serial No.: 10/605,014 Docket No.: ADTP0098USA

10

Title: Liquid Crystal Display

Subject: **Correction of Inventorship - Written Consent of the Assignee**

15

With authority to act on behalf of the sole assignee of the above-identified patent application, namely AU Optronics Corp. of No.1, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu City, Taiwan, R.O.C., as established in the Assignment of Invention originally filed with this application, I hereby consent to Chien-Hung Kuo  
20 being added as an inventor.

Date: 2004.3.19 Shyh Dar Lee  
Printed Name: Shyh Dar Lee Ph. D.  
25 Title: Legal Office